App.F.IX-4

1925-6 File No. 10-25

Previous References

Geol 12-24(1-4)

Serial Nos. 1-4

Later references.

preserve

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. Geol

Part B for Nov. 25

SUBJECT

Administration Report of the Geological Departm for 1925-26

I.e 3691-2 dt 28.11.25

to

Director of Geology.
Ch. Inspector of Mines

Reviews the

G. R. S. 11]

1925

GENERAL AND REVENUE SECRETARIAT.

(Revenue)

NOTES.

File No. 10-

FILE HEADING.

Administration Report of the Geology Department for 1924-25

From

No.	Dated	Received
Diary No.	Enclos. Spare Copies.	Serial No.

BRIEF ABSTRACT OF LETTER.

NOTES AND ORDERS.

17-12-24

General and Revenue Secretariat.

1624/10

Ecl File No.

of 1925

Serial No

1) According to the date fixed in the Work Calendar the Administrative Report of the Ecl. Deptt is due in the Secretariat on 20.9.25

2) Submitted with draft

28/7/25

3) Approved

28/7

4) Issue

29.7.25

Issued vide No. 623 dt. 30/7/25

2 Forward the Dir. of Ecl

No. 194-1824 dt. 9/26

Forwards in triplicate report of Admve Report of the Ecl. Deptt for 1924-25

5) Please peruse the copy sent herewith & return the file

22/9/25

Admve Report Section

6) Read one copy

22.9.25

7) Submitted with a draft to the Govt Printing

22/9/25

8) Issue & Submit.

Issued vide No. 2001 dt. 25/9

22.9.25

NOTE—Contn. Sheet

3

DEWAN'S OFFICE.
23 NOV. 1925
Diary No. 3695

Serial No

19) Please look up a typed opn on dictated - WP 19/11

20) Revised opn for consn - The file deals with the programme of the Dept for the current year is linked as per orders of the I member on the original draft -
R Sect)
WP 20/11

21) 1st meeting
546/21.11

22) Dmp appr
Please submit for
Dewan's approval also

Dewan's
23) Mangsuli WP 24.11.25) mm + D.F.N. WP 23/11
WP 24/11

4 No. 3691-2 dt 28.11.25
To the Dir of Educ &
Review the report on the working of the Dept of Educ for 1924-25

M
25) Review issued & a D.F.N. submd
dft 9.12.25
26) D.F.N. submd for appl.
Just m) WP 10/12

262/10.12
27) Fair copy of Review in the press
(Why has / has been so much delay
Explain
Separate in submg to D.P.N.) dft 28/11
WP 12/12

3

Note—Contn. Sheet

neral and Revenue Secretariat. | Ecclt File No. 10 of 1925

Serial No

9) copies have been sent to the Admtve Report Section & the Superintt Govt Peniteny.

10) the original copy getter Report filed. for perusal & orders.

27/9/25. 11) Subd for perusal & orders in the first instance—

Rev En 7 / 1st member

WQ 28/9

28/9

720 / 29.9 12) Draft review myd by me for submission for approval

30/9

WQ 1/10

13) draft received

26/10/25 14) Typed copy subd for appl—

Rec'd 7

WQ 7/11/25—

15) Has the association been registd - Deemed vide Govt the papers relating thereto

11.4.

16) Draft received

WQ N/11

1st member

14/11/25

17) I have see my remarks on personal on the draft review. The draft may be corrected in the light indicated & resubmitted.

16/11

17/11 15/2) a/s. with papers returned to WQ 17.11.25

c/w a/c Mem. Vanity Fair & papers in the matter of Bank. 17.11 Superintendent

NOTE—Contn. Sheet

1676

5

[App. F. III—2

eneral and Revenue Secretariat | Rev File No. 10 of 1925.

Serial No

7 3) Rlwy. Deptt. a D. S. N
16-12-25 DSN subd for advice
Dewan) 15/12
4/16 L

DEWAN'S OFFICE.
REGD. 15 DEC. 1925
Reg. No. 44444

NOTE—Contn. Sheet

Final Note by the First Member of Council.

Subject:—

Review of the Report on the working of the Department of Geology for the year 1924-25.

I beg to submit for the gracious perusal of His Highness a copy of the Review of the Report on the working of the Departme of Geology for the year 1924-25 which was issued with Government Order No. I.C. 3691-2/Geol. 10-25-4 dated 28th November 1925.

FIRST MEMBER OF COUNCIL.

11-12-25.

7

Submitted to His Highness.

I submit herewith for the gracious perusal of His Highness a final note by the First Member of Council regarding the review of the report on the working of the Department of Geology for the year 1924-25.

Bangalore,
15th December 1925.

16 DEC 1925

TMK.

16'24

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.

Review of the report on the working of the Department of Geology during the year 1924-25.

400

Order.

~~KRW~~

18/12/25

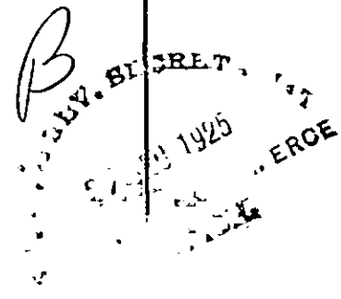
Revenue (M)

20 DEC 1925

MP

24/12

h



Apr G1.] B650

SUBJECT .....

.....

.....

Section Genl

File No. 10-

Serial No. ₹. /

No. Jc-623 dy 30/7/25

To The Secy to Govt

Diary No. of letter replied to

General and Revenue Secretariat

( )

the 192

Date of issue 30-7-25

Signed by Mr. V.V. Chary

List of enclosures .....

Copied by .....

Examined by .....

Sir

I am directed to inv
your attention to G.O.Ms.
G 569-623/A.R. 20.7.25
issued in re the preparation
& submission of Govt
departmental Report
to request that the
report for 1924-25 may
be sent so as to reach
this office within the
date prescribed in the
Calendar due attention
being paid to the

over

instructions issued in this
office letter ena. 2. C 4016/
Estt. 61-23-1 dt 2.1.24

K

Shri [illegible]

WA
28/7
Sect. to Govt
Rev Deptt

RG

M. G. D. 12] 13961 Ecl 10-25-2 (3

Dated Bangalore 21st September 1925

No. C/154-1
Encl 3

From A. M. Sen, Esquire, M.Sc., F.G.S., &c.,
Director, Mysore Geological Department.
(In charge).

GEN. & REV. SECT. 1624 1925
22 SEP
INDUSTRIES & COMMERCE BRANCH.

To

B. Srinivasa Iyengar, Esquire, B.A., B.L.
Secretary to the Government of His
Highness the Maharaja of Mysore
Revenue Department.

GEN. & REV. SECT.
J.C
22. FP. 1925
G. D. BRANCH.

Sir,

In compliance with your letter No.I.C.623 Geol. 10-25, dated 30th July 1925, I have the honour to forward herewith (in triplicate) the Report of the Administration of the Mysore Geological Department for the year 1924-25.

I have the honour to be,
Sir,
Your most obedient servant,

A. M. Sen

Director
(In charge),
Mysore Geological Department.

C.N.

Administration Report of the Department of Geology.

From 1st July 1924 to 30th June 1925.

---oOo---

1. General.

The work of this Department has, during the year under report, in general followed the lines along which its activities have been directed in the past and to which full reference has been made in the report of the year 1922-23. The undersigned having been on furlough in England, returned to duty on the 15th September 1924 and relieved Mr.A. M. Sen who was Officiating as Director of the Department during his absence.

2. Withdrawal of Reservation of Minerals:- The outstanding measure in the mining industry during the year under report is the withdrawal by Government of the reservation of manganese in areas other than those mentioned in the first para of their order No.I.C.2480-91-Geol.49-24-1, dated 4th October 1924, so as to enable the private enterprise to come forward to meet the large demand for it every where.

The Government Order in question directed that Prospecting License for the said mineral might be granted to approved applicants on condition that (1) such license will be renewable from year to year on the application of the Licensee for a period of not more than three years but without the right to a mining lease, (2) that Government reserve the right to purchase the ore at market prices if required by them for industrial purposes & (3) that in addition to the prescribed rates of royalty and other fees payable under the existing rules the licensee shall pay to Government not less than 25 % of the net profits obtained by him from the business, regular and correct accounts of which should be maintained by him in such forms and in accordance with such rules as may be prescribed by Government

In pursuance of this order this Department has received

23 applications. Of these only the applications of Mr.C.M. Tresslor, Mr. Singeri Nanjappa and Mr.C. B. Desai were approved.

3. Sale of Manganese.- As there were some stacks of Manganese Ores which were left unremoved by licensees on certain abandoned blocks, their sale was ordered by Government. Tenders were called for and their sale was effected during the year and the amount realized thereon Rs.9521/- was credited to Government.

4. Chrome.- Under the new rules for chrome Governmen were pleased to sanction 8 blocks as shown below :-

2 blocks to Mr. C. M. Schomburg.

2 blocks to Mr. J. Burr.

2 blocks to Mr. Pallagatti Adavappa.

1 block to Mr. Sripada Rao.

1 block to Mr. C. B. Desai.

(In the case of Mr. C. B. Desai, sanction has been revoked as he failed to pay the deposit and rent demanded.

Mr. C. W. Schomburg has exported 600 tons of chrome ore and as the sale proceeds of the ore are not known the exact share of profits to be paid by him not yet been decided.

5. Soapstone.- Commenting on certain suggestions put forward by the Director of Industries and Commerce in his letter No.H.1095/G., dated 16th December 1924, this Department submitted to Government proposals to treat the Survey Nos. 61 79 & 80 in Beerasandra village, Tiptur Taluk each as a separate unit where the soapstone is obtained for the manufacture of slate pencils. Government sanctioned these proposals and a Notification was issued from this office on 25th April 1925, calling for applications from bona fide proprietors of Slate Pencil Factories, on the following conditions :-

1. Payment of a fee of Rs.10/- along with the application for a collecting license.

2. Payment of royalty at Rs.1-4-0 per ton.

6

3. Payment of a minimum royalty of not less than Rs.50/- to be guaranteed for one year and paid in advance along with the application.

4. Payment of a deposit of Rs.100/- to be held as security for the due fulfillment of the terms of the license.

5. The license will be renewed year to year without any obligation to take out a mining lease.

As results of this Notification applications were received from the three Slate Pencil Factory Proprietors Messrs. J.Padmarajappa, G. Chennaveerappa and T. L. Narasing Bhan. These applications are now pending disposal as the applicants have not fully complied with the conditions laid down for the grant of collecting licenses over this area.

6. Mining Scholar. A Mining Scholar was maintained by the Department up to the end of the October 1924 and his scholarship was discontinued under the orders of Government No.I.C.3742-4 Geol. 8-24-5, dated 2nd November 1924, as it was found unnecessary.

7. Revision of Rules. The draft set of revised rules submitted to Government has yet not been received with the approval of Government.

8. Revenue of the Department. The allotment provided in the budget for the Mysore Geological Department for the fiscal year 1924-25 amount to Rs.58,900/-.

The revenue realized by the Department during the year including the royalty on gold has amounted to as much as Rs.13,42,111-0-3 as shown in the statement below:-

Royalty on Gold...	Rs.	12,62,269-0-0
do — on Silver		2,187-3-0
Royalty on other minerals...	"	42,319-0-4
Fees...	"	1,420-6-0
Rent on Prospecting Licenses...	"	5,153-7-3
Rent on Mining Leases...	"	15,512-2-3
Assay & Analysis fees...	"	37-4-0
Other items...	"	15,399-12-8
Total	Rs.	13,44,298-3-6

9. Other items:- (i) During the year under review, a meeting of all the Licensees and Lessees in the State was held in the Geological Office on the 2nd May 1925 with the view to form an Association for the purposes of coming to an understanding among themselves to prevent unhealthy competition and rivalry among the licensees. About 47 invitations were issued in all and out of which 18 licensees were present and 9 expressed their inability to attend the meeting. The undersigned outlined the position of mining industry in the State in all its various aspects and pointed to them the great desirability and need for the formation of an Association of all the Licensees and Lessees. When several of the existing drawbacks for want of such an Association and many sided advantages that would naturally result by the formation of such an Association had been pointed out to the members, the body as a whole agreed to the proposal and tentatively formed an Association.

A general meeting to discuss the necessary rules &c. of the Association and to elect their office bearers was held on the 25th May 1925.

(ii) All India Science Congress:- Mr. B. Rama Rao, Sub Assistant Geologist, was on deputation to the Indian Science Congress held at Benares in January 1925. He has made the best of his time in the Congress and read two papers om the following subjects:-

(1) On the occurrence and origin of some of the cordierite rocks of Mysore.

(2) On the mode of occurrence and origin of crystalline graphite in an ultrabasic rock near Chettanhalli in Mysore and had the papers illustrated with specimens, microsections, and plates.

He has not only attended Congress regularly from the 12th to the 17th January 1925 but also had taken advantage of the opportunity by visiting certain other places for studying specific sedimentary formations of less controvertial character than those that might be occurring in the Mysore State

II Changes in the Staff.

The work of this Department has during the year, been carried out by five officers inclusive of the Director and there has been no change in the personnel.

During the year under report Mr. A. M. Sen was appointed as Supernumerary Officer of the Department and Mr.V. T. Venugopal, Supernumerary Sub Assistant Geologist, was posted for duty under the Mysore Iron Works in September 1924.

Mr. E. R. Tirumalachar, Assistant Chemist of this Department, was transferred to the Mysore Iron Works for duty in October 1924. There has been no other changes in the general constitution of the office.

III. Leave.

Mr. B. Jayaram, F.G.S. the permanent Direc[illegible]ontinued to be on privilege leave and furlough up to 15th September 1925.

IV. Mining and Prospecting

(1) Certificates of Approval.

The total number of approval certificates in force during the year 1924-25 was 52 against 45 in the previous year. The number of fresh certificates granted was 18 against 23 and the number renewed rose from 16 to 22.

9

(2) Leases and Licenses.

The following statement shows the number of applications received during the year 1924-25 for certificates of approval, for Exploring, Prospecting and Collecting Licenses and for Mining Leases, as compared with that in the previous year:-

Items.	1923-24.	1924-25.
Certificates of Approval	45	44
Exploring Licenses	3	1
Prospecting Licenses	45	35
Renewal of Prospecting Licenses. ..	17	4
Mining Leases	1	5
Licenses for collecting corundum ..	1	1
Total	112	90
Decrease	22	

The following statement show the number of leases and licenses current during 1924-25 as compared with that of the previous year:-

(a) Mining Leases.

Mineral	District.	1923-24.	1924-25.
Gold	Kolar	22	22
Manganese	Shimoga	2	2
Chrome and Magnesite	Mysore	4	4
Chrome	Mysore	1	1
	Hassan	4	4
Kaolin	Bangalore	2	2
	Kolar	1	1
	Bangalore and Kolar .	1	1
Mica	Mysore	1	1
Limestone	Kolar	1	1
	total	39	39

(b) Prospecting Licenses.

Mineral	District.	1923-24.	1924-25.
Manganese	Tumkur ...	4	4
	Chitaldrug ...	3	6
	Shimoga ...	3	-
	Total	10	10
Chrome	Hassan ...	1	3
	Mysore ...	2	2
	Kadur ...	-	1
	Chitaldrug & Kadur	-	1
	Total	3	7
Chrome, Magnesite and Graphite.	Mysore ...	1	-
	Total	1	-
Chrome & Magnesite.	Mysore ...	-	1
	Total	-	1
Magnesite	Mysore ...	3	2
	Total	3	2
Mica	Bangalore ...	-	1
	Mysore ...	1	1
	Hassan ...	1	1
	Total	2	3
Mica and Asbestos. ..	Chitaldrug ...	1	-
	Total	1	-
Kaolin or China Clay	Bangalore ...	1	-
	Kolar ...	2	3
	Hassan ...	1	1
	Total	4	4
Kaolin and Fire clay.	Chitaldrug ...	2	2
	Total	2	2
Asbestos.	Hassan ...	2	-
	Total	2	-
Soapstone.	Tumkur ...	3	3
	Total	3	3

Prospecting Licenses - (concld)

Mineral	District.	1923-24.	1924-25.
Green quartzite	Kadur ...	-	1
	Total	1	1
	Grand Total	32	33
	Increase	1	

District Abstract.

	1923-24.	1924-25.
Bangalore	1	1
Kolar	2	3
Tumkur	7	7
Mysore	7	6
Hassan	6	5
Shimoga	3	
Kadur	-	2
Chitaldrug	6	8
Chitaldrug & Kadur	-	1
Total	32	33

Area and rent thereon.

The total area under mining leases and prospecting licenses during the year 1924-25 was 47051 acres against 42,275 acres in the previous year. The rents recovered in respect of the mining and prospecting blocks amounted to Rs.18,972 against Rs.21,459 in the previous year.

/2

1924 - 25.

Mineral.	District	Mining Leases Area.	Mining Leases Rent including cess.	Prospecting Licenses Area	Prospecting Licenses Rent	Total area under leases & licenses.	Total rent payable under leases and licenses.
Gold.	Kolar	15034-21	9969-8-6.	---	---	15034-21	9969-8-6
Manganese	Shimoga	1280-0	1360-0-0				
	Tumkur	830-		2480-0	960-0	8764-21	3091-14
	Chitaldrug			5004-21	771-14		
Magnesite & Chrome.	Mysore.	830-21	884-0-0	1280-0	80-0	2110-21	964-0-0
Kaolin	Bangalore	440-0	467-8-0	-	-		
	Kolar	254-25	257-8-6	160-20	10-5		
	Bangalore & Kolar	160-0	175-0-0	-	-	1655-5	030-5-6
	Hassan.			640-0	120-0		
Mica	Mysore	160-0	170-0-0	530-0	3322		
	Hassan	-	-	320-0	40-0	1330-0	263-2-0
	Bangalore	-	-	320-0	20-0		
Lime-stone	Kolar	8-14	9-13-6	-	-	8-14	9-13-6.
Chrome	Mysore	251-24	267-12-0	3200-0	400-0		
	Kadur		-	2560-0	160-0		
	Hassan	1830-0	1944-6-0	3689-5	298-7	14090-29	3230-9-0
	Kadur & Chitaldrug.	-	-	2560-0	160-0		
Magnesite.	Mysore.	-	-	1280-0	80-0	1280-0	80-0-0
Kaolin & Fire-clay.	Chitaldrug.	-	-	1180-29	147-12	1180-29	147-12-0
Soapstone.	Tumkur.	-	-	316-32	104-8	316-32	104-8-0
Green quartz.	Kadur	-	-	1280-0	80-0	1280-0	80-0-0
	Totals	20249-25	15,505-8-6	26801-27	3466-0-0	47051-12	18971-8-6.

(c) Collecting Licenses

District.	Taluk	1923-24.	1924-25.
Mysore	Mandya ..	1	1
	Hunsur ..	1	1
Mysore and Hassan.	Certain specified localities.	1	-
Tumkur	Kortagere ..	1	1
	Total	4	3

Of these three licenses two were for corundum and one for alkaline earth.

(d) Exploring Licenses

District.		1923-24.	1924-25.	Remarks.
Bangalore	...	1	-	
Kolar	...	1	1	
Tumkur	...	2	1	
Mysore	...	1	-	
Hassan	...	1	1	(part)with preferential right
Shimoga	...	1	-	
Kadur	...	1	-	
Chitaldrug	...	3	-	
	Total	11	3	

(e) Summary

The following statement shows the number of leases, licenses and certificates of approval that were current during the year 1924-25 as compared with that of the previous year:-

Items.	1923-24.	1924-25.
Mining leases	40	39
Prospecting licenses... ...	32	33
Collecting "	4	3
Exploring "	11	3
Approval certificates.. ...	45	52
Total	132	130
Decrease.		2

Work was carried on during the year on 17 mining and 42 prospecting blocks; of these -

5 were for gold,
11 for Manganese,
13 for Chrome,
4 for Magnesite,
2 for Asbestos,
2 for Asbestos & Magnesite
2 for Chrome & Magnesite,
4 for Mica,
5 for Soapstone,
8 for Kaolin or China Clay
2 for Fire clay, and
1 for Limestone.

(3) Gold Mining.

The number of leases current for gold during the year was 22, of all of them being restricted to the Kolar Gold Field area.

As in the previous years only five companies, Viz., The Mysore Champion Reef, Ooregum, Nundydroog and Balaghat, produced gold.

The total quantity of bar gold produced during the year 1924-25, was 392,683.304 ozs. of an app.value of Rs.2,31,67,882 compared with 383,611.366 ozs.of the value of Rs.2,58,95 771 in the previous yea

The total amount of royalty on gold due to Government during the year 1924-25 is Rs.12,62,269, as against Rs.14,00,119 paid in the previous year.

STATEMENT OF APPROXIMATE QUANTITY AND VALUE OF, AND ROYALTY DUE ON, FINE GOLD PRODUCED IN THE MINES WORKING IN THE STATE OF MYSORE DURING 1924-25 AS COMPARED WITH ACTUALS FOR 1923-24

No.	Name of Company.	During the year 1923-24. Quantity of fine gold produced.	Net value in Indian Currency on which Royalty is due.	Royalty due to Govt. @ 5%.	During the year 1924-25 Quantity of fine gold produced.	Approximate value in Indian Currency.	Royalty due to Govt. @ 5% .	Remarks.
		Ozs.	Rs. a. p.	Rs. a. p.	Ozs.	Rs. a. p.	Rs.	
1.	Mysore Gold Mining Co.,Ltd.	126 764 898	85,52,737- 3-2	4,27,636-13-9	124,515.345	73,45,201- 9-1	3,67,260	
2.	Champion Reef Gold Mines.Ltd.	46 845.813	31,63,574- 8-2	1,58,178-10-0	60,024.798	35,68,911- 4-4	1,78,446	
3.	Ooregum Gold Mining Co.,Ltd	108 130.557	72,99,956-13-0	3,64,997-13-4	106,644.577	62,81,388- 9-3	3,14,069	
4.	Nundydroog Mines, Ltd.	66 735.289	45,05,813- 3-4	2,25,290-11-6	67,267.449	39,67,051-14-0	1,98,353	
5.	Balaghat Gold Mines, Ltd.	35 134.809	23,73,689- 0-0	1,18,684- 8-0	34,231.135	20,05,328- 9-2	1,00,266	
	Total	383 611.366	2,58,95,770-11-8	12,94,788- 8-7	392,683.304	2 31,67,881-13-10	11,58,394	
	Royalty on silver produced	...		2,179-13-3	...	...	2,187	
	Royalty @ 2½ % on dividends	...		1,03,150-10-8	...	...	1,01,688	
	Total royalty due.	...		14,00,119- 0-6	...	...	12,62,269	

ø See separate table.

STATEMENT OF APPROXIMATE QUANTITY AND VALUE OF AND ROYALTY DUE ON FINE SILVER PRODUCED IN THE MINES WORKING IN THE STATE OF MYSORE DURING 1924-25 AS COMPARED WITH ACTUALS FOR 1923-24.

No	Name of Mine.	During the year 1923-24. Quantity of fine silver produced.	Value.	Royalty @ 5%	During the year 1924-25. Quantity of fine silver produced.	Value.	Royalty @ 5%.	Remarks.
		Ozs.	Rs. a. p.	Rs. a. p	Ozs.	Rs. a. p.	Rs. a. p,	
1.	Mysore Gold Mining Co.,Ltd.	7,663.887	16,241-14-10. ~~16,241-14-10~~	812 -2 -7	7,976.364	15,248-1- 9	762-6 -0	
2.	Champion Reef Gold Mines.Ltd.	1,968.489	4,206- 066_	210 -5 -9	4,654.800	8,954-3-10	447-11-0	
3.	Ooregum Gold Mining Co.of India,Ltd.	4,623.991	9,875-10-6	493-12- 1	4,222,703	8,148-1- 4	407- 6-0	
4.	Nundydroog Mines, Ltd. ...	3,942.561	8,417-12-0	420-14- 0	4,013.526	7,749-5- 4	387- 7-0	
5.	Balaghat Gold Mines, Ltd. ...	2,282.858	4,854- 2-0	242-10-10	1,891.086	3,646-14-8	182- 5-0	
	Total. . .	20,481.786	43,595- 7-10	2,179-13-3	22,758.479	43,746-10-11	2,187-3-0	

12 (a)

17

(4) Manganese.

The number of mining leases and prospecting licenses current for manganese during 1924-25 was 2 and 10, same as in the previous year.

The quantity of ore extracted was 33271.07 tons and that exported 43843.27 tons against 38507.81 tons and 48749.82 tons respectively in the previous year. The royalty payable to Government on the ore exported is Rs.19219-10-3 against Rs.22543-5-11 in the previous year.

The following statement furnished details in regard to the output etc. :-

Name of the Licensee or Lessee.	District.	Output.		Export.		Royalty.	
		1923-24.	1924-25.	1923-24.	1924-25.	1923-24.	1924-25
		Tons.	Tons.	Tons.	Tons.	Rs.	Rs.
1.The United Steel Cos. Ltd.	Shimoga.	34389.31	28499.77	45657.17	36722.37	07--11.	13770-14-5.
2. Mr.V. Manickavelu Mudaliar.	Chital-drug.	1106.50	nil.	nil.	1169.00	il.	876-12-0
3. Messrs. Oakley, Duncan & Co	-do.-	1327.00	746.5	1536.5	880.00	52--0	660-0-0.
4. Messrs. Peninsular Minerals Co.	-do.-	1685.00	2689.80	1556.15	5764.15	83--0.	4323-3-2.
5.Mr.Singri Nanjappa.	Tumkur.	-	550.00	-	143.00	-	214-8-0.
6. Mr.C.M. Tresslor.	-do.-	-	765.00	-	-	-	-
		38507.81	33251.07	48749.82	44678.52	22543-5-11.	19845-5-7.

Some more returns are still due

R 8B do not tally

2 by do not tally

(5) Chrome.

There were 9 Mining Leases and 8 Prospecting Licenses current for chrome ore during 1924-25 as against 9 & 3 in the previous year.

The quantity of ore collected during the year was 6107.5 tons and that exported 10205.59 tons against 40694 tons and 28773.2 tons respectively in the previous year. The royalty payable to Government on the ore exported is Rs.11136-13-1 against Rs.26145-9-6 in 1923-24.

The following are the details in regard to the quantities extracted and exported and the royalty payable thereon:-

Name of the Licensee or Lessee.	District.	Output		Export		Royalty.	
		1923-24.	1924-25.	1923-24.	1924-25.	1923-24.	1924-25
1. Mr.V. Sundara-murti,Mdr.	Hassan.	20850	2000.00	13005.25	3748.00	9752-15-2.	2811-3-0
2. Mysore Chromite.Ld.	Mysore.	11448.7	3140.50	8193.20	3454.92	7260-4-7.	2591-3-0
3. -do.-	Hassan.	7234.7	349.00	6082.26	nil	6892-9-11.	nil.
4. Messrs. Tata Iron & Steel Co.	Mysore	-	19.00	-	19.00	-	+ 14-4-0
5. Mr.C.W. Schomburg.	- do.-	378	219.00	-	600.00	-	900-0-0
6. Messrs. Oakley, Bowden & Co.	Chitaldrug	1185	-	1492.5	4041.17	2238-12-0.	6061-13-1.
7. Mr. Pallagatti Adavappa.			380.00		-	-	-
							12378-7-1
		A 40996.4 d	6107.50	28773.20	11863.09 y	26145-9-6.	B 12364-3-1

This amount is included in the Dead rent paid by the Co.

A & B do not tally.
1 by do not tally
C & d do not tally

19

(6) Magnesite.

There were 4 mining leases and 2 prospecting licenses current for magnesite during the year under report, as against 4 & 3 in the previous year.

The following are the details in regard to the output and export and the royalty payable thereon:-

Name of the licensee or lessee.	District.	Output. 1923-24.	Output. 1924-25.	Export. 1923-24.	Export. 1924-25.	Royalty. 1923-24.	Royalty. 1924-2
1.Mysore Chromite Ld.	Mysore.	nil.		5.225	-	3-14-9.	
2.Messrs. Tata Iron & Steel Co.	-do.-	-	-	-	15	1760-0-0.	1769-
		-	-	5.225	15	1763-14-9	1769.

(7) Asbestos.

During the year under report there were 4 prospecting licens current for a ~~period~~ portion of the year.

The following are the details of output etc.during the year:

Name of the Licensee or Lessee.	District.	Output. 1923-23.	Output. 1924-25.	Export. 1923-24.	Export. 1924-25.	Royalty. 1923-24.	Royalty. 1924
Mr. M.L. Vardhamaniah	Hassan.	37.00		150.9	150.9	188-1-0	188
		37.00		150.9	150.9	188-1-0	1

(8) Mica.

During the year under report there was one Mining Lease and 2 Prospecting Licenses current.

The following are the details of out etc. during the year:-

Name of the Licensee or Lessee.	District.	Output. 1923-24.	Output. 1924-25.	Export. 1923-24	Export. 1924-25.	Royalty. 1923-24.	Royalty. 1924-25
		lbs.	lbs.		lbs		
1. Mr. A. Pitchaiya Naidu.	Mysore.	2317 size 2431 round	5563	-	12787	nil.	308-12-
		2317 size	5563	-	12787	nil.	308-12-

(9) Kaolin or China Clay

During the year under report there were 4 Mining Leases and 4 Prospecting Licenses for kaolin current against 4 & 4 in the previous year.

The following are the details of output etc. during the year:

Name of the Licensee or Lessee.	District.	Output. 1923-24.	Output. 1924-25.	Export 1923-24.	Export 1924-25	Royalty. 1923-24.	Royalty. 1924-25
1. The City Brick & Tile Works.	Bangalore.	420-0-0	550-0-0	320-10-0.	698-14-0	80-3-3	174-10-10
2. The Kolar Brickmaking Co.	Do.-' & Kolar.	948-2-0	1854-2-0	798-6-0	92-6-0	834-7-9	1641-4-0.
3. Mr. V. Manickavelu Mudaliar.	Bangalore.			100-0-0 plus 13⅓ Mds		25-2-0	
4. Messrs. E. A. R & Sons.	Kolar	23-10-0	35-10-0	23-10-0	35-10-0	23-8-0	35-8-0
		1391-12-0	2439-12-	1242-8-0 plus. 13½ Mds.	826-10-0	963-4-0	1851-6-10

(10) Soapstone.

During the year under report there were 5 Prospecting Licenses current.

The following are the details of output etc. during the year :-

Name of the Licensee or Lessee.	District.	Output.		Export.		Royalty.	
		1923-24.	1924-25.	1923-24.	1924-25.	1923-24.	1924-25.
1. Mr. G. Chenna-veerappa.	Tumkur.	15.5	16	15.5	32	19-6-0	40-0-0
2. Mr. T.L. Narasing Bhan.	-do.-	14	7	14	28	17-8-0	35-0-0
3. Mr. J. Padmaraj appa	-do.-	-	24		34	-	42-8-0
		29.5	47	29.5	94	36-14-0	117-8-0

(11) Fire Clay.

During the year under report there were two Prospecting Licenses current and no work has been done on the blocks.

(12) Limestone.

As in the previous year there was one Mining Lease current and the Mysore Gold Mining Company who are the lease holders report that 487 tons 8 cwts. of impure manganiferous Limestone has been extracted and exported and Government have been paid a royalty of Rs.487-9-0.

(13) Corundum.

As in the previous year there was one Collecting License ent and the minimum guaranteed royalty as collected is Rs.200/-.

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(14) Limestone and Dolomite.

At the instance of the Director, Geological Survey of India Government have in G. O. No.L.C.7889-Geol.127-24-7, dated 20th May 1925 directed that separate figures for limestone and dolomite produced in the Mysore State may be collected and furnished in the annual return according to the uses to which they are put and incorporated in the future Administration Report. Accordingly figures relating to the consumption of limestone and dolomite in the State have been collected and are as shown in the statement below:-

	Quantity used. Tons.	For what purpose.
Limestone.	698 - 0	As flux in the manufacture of pig iron.
Do. (Manganiferous)	487 - 8 (1185)	Used in the cyanide plants on the K.G.F. after being calcined thereby having an oxidising effect. A small quantity in the moulding shops displacing kankar.
Dolomite.	1052 - 0	As flux in the manufacture of pig iron.
Total	2237 - 8	

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V. Geological and Mineral Survey

(1) Geological Survey

Revision and Mapping:- During the field season of 1924-&-1925, the important schist - belts of the Chitaldrug and Kadur Districts were taken up for the purpose of Revision and Mapping Work.

Under the guidance and supervision of the Director, Messrs. Balaji Rao and Rama Rao were started on the above work in the Chitaldrug District.

Mr. Balaji Rao revised and mapped an area of about 280 square miles; the schist-belt being 31 miles in length and 9 miles in breadth and forming portions of the Hosdurga and Holalkere Taluks of the Chitaldrug District.

In the course of examining the southern portions of this schist-belt in the neighbourhood of Voblapur and Dodkitadhalli, the Director examined the manganese deposits of this locality and located a very rich iron-ore, probably containing magnaese occurring in concentrated pebbly-form and freely scatttered about over a fairly large area. Efforts are being made to ascertain the economic use for this iron ore.

Mr. Rama Rao has examined an area of about 1000 square miles in parts of Chitaldrug, Holalkere, Hosdurga and Hiriyur Taluks.

The Director traversed extensively in the Kadur District and critically examined several small areas of a controvertial nature in the neighbourhoods of Sakrepatna, Santevari, Jagger vally, Hebbe Sringeri, Kigga, Samse & Kudremukh.

The results obtained from the revision survey work still prove of great value from petrological and economic points of view. Details of all this work will appear in Records Part II

(2) Mineral Survey.

In addition to the inspections made to the Manganese and Chrome workings in the State and the mineral - occurrences noted incidentially during the revision survey - work, special work was done

by

by Messrs. Sen and Venkataramaiya on some selected manganese and chrome blocks, which are free and at the disposal of the Government

The results obtained and reported upon by Messrs. Sen and Venkataramaiya do not appear to be of an encouraging character.

VII. Prospecting and Economic Activities.

1. Work done under private agencies.

(a) Manganese Ore. As compared with last year there has been a slight decline in the export of this ore.

The United Steel Co Ld. have been steadily going on with their work.

The Peninsular Minerals Company have exported a very large quantity of their ore.

Consequent on the removal of the restriction placed in regard to the grant of licenses for manganese, a few fresh licenses have been granted and exploratory and prospecting work are being conducted vigorously.

(b) Chrome Ore. The export of this ore during the year has been very poor, being only about 10,000 tons against 28,000 of last year. This is believed to be due to the severe competition of other chrome producing countries and to the absence of a market for our low grade ores.

(c) Magnesite.- Messrs: Tata Iron & Steel Co.,Ltd. having continued suspension of work on their blocks there is no activity to report.

(d) Asbestos.- Mr. M. L. Vardhamaniah having given up the blocks held by him for this mineral there is no activity to report under this head. It is believed Mr. Vardhamaniah has secured from the Madras Government a license for asbestos in respect of a very good deposit which he intends using in his factory erected in Mysore.

(e) Mica.- Mr. A. Pitchaiya Naidu is the only lease holder for this ore and it is satisfactory to note that he has won as much as 5,500 lbs. of mica during the year under report. He has not yet been able to effect an export of the same.

(f) Kaolin or China Clay.- There has been a steady improvement in the output of this mineral and a very large portion of it is converted into useful acts in the State itself.

(g) Soapstone.- This is used for the manufacture of slate pencils and there has been a considerable improvement over last year.

VII. Publications.

Part I of the Records Volume XXII being the Annual Report of work done during the year 1922-23 has been published during the year.

Part II of Records Volume XII containing special reports of the survey of officers and also Part I of Records Volume XXIII containing the Administration Report of the Department for the year 1923-24 which have been in print during the year are now published.

VIII. Library.

The total number of books and pamphlets received by exchange and added to the Library during the year was 257 of which 5 were purchased and the rest received in exchange for the publications of the Department.

IX. Laboratory.

One of the two Chemists of the Department having been transferred to the Mysore Iron Mines in October 1924, the assay and analysis work of the Department and also for the public was carried on by only one Chemist in the Laboratory of the Department of Agriculture under the supervision of the Agricultural Chemist as usual.

The total number of assays and analyses of ores and minerals done during the year was 50 against 162 in the previous year. In addition to the above 6 samples were analysed for the Mysore Iron Works

The following are the samples analysed and reported upon.-

Samples analysed.	Total Number.
Gold and silver.	5
Chrome ores.	13
Manganese Ores.	19
Iron Ores.	2
Iron ores from Bhadravati Iron Works.	6
Blast Furnace Slag.	1

Samples analysed.	Total Number.
Kankar.	5
Rocks.	2
Graphite Quartzite.	1
Garnet.	1
Copper Ore.	1
Total.	56.

X. Museum.

The Museum has as usual attracted a number of visitors and has been a source of instruction to people entering mining business.

B. Jaya Ram.
Director,
Mysore Geological Department.

C.N.

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Issue & Submit.

App. (VI GI.) B650

SUBJECT

Diary No. of letter replied to

General and Revenue Secretariat

( )

the 192

Date of issue 25/9/25

Signed by M. V. Aranya

List of enclosures

Copied by

Examined by

Section Genl

File No. 10-25

Serial No. 3

No. 1.C. 2083/Genl & copy to Supt.

To the Supdt. Govt Printing

Sir

I am directed to forward herewith a copy of the report on the working of the Deptt. of Geology in Mysore for 1924-25 & to request that the same may be set in types & 200 copies printed & kept ready to be bound with copies of Govt review thereon which will be sent to Govt in due course

over

30

Proofs may be sent to the
Secy Govt for approval

Shawate
22/9/25
for Secy to Govt

Rec'd

Memo No 1C. 2084 dt 26/9/25

Copy forwarded with
compliments to the Secy
Govt Simla Hills
letter No C/194-1 dt 21-9-25

B D
22/9/25
for Secy to Govt
Rec'd

Sd

Proceedings of the Govt. of H.H.
the Maharaja of Mysore.

Read

Administration Report of the Department of Geology for the year 1924-1925 received with letter No.C.194-1 dated 24th September 1925, from the Director of Geology.

Order No. Dr. 3691-2/Ecol 10-25.
Dated, Bangalore 28th Nov 1925.

Recorded.

2. Mr. A. M. Sen continued to officiate as Director of Geology returned from long leave and resumed charge of the Department in which he continued during the rest of the year. Mr. V.T. Venugopal. Supernumerary Sub Assistant Geologist and Mr. E. R. Thirumalachar Assistant Chemist were posted for duty to the Bhadravati Iron Works. Messrs. A. M. Sen and Venkataramiah were employed for about 5 months in the examination of some of the chrome and manganese blocks with a view to investigate their ore ~~contained~~ Contents in respect of both quality as well as quantity.

3. The partial relaxation of reservation which was ordered in respec of chrome in the previous year was

made applicable to manganese also in October 1924, so as to permitting of the grant of prospecting licenses for that mineral for a period of three years to approved applicants, subject to certain conditions. In pursuance of this order 23 applications were received of which 4 which satisfied the required conditions, were approved by Government. Instructions were also issued during the year, in the matter of issuing collecting licenses for soap-stone subject to certain conditions. The question of further revising the rules for the grant of exploring and prospecting licenses and mining leases in the State is under the consideration of Government.

4. There were 52 certificates of approval in force, during the year as against 45 in the previous year. The number of fresh certificates issued was 18 against 23 in the previous year. The total number of applications for certificates of approval exploring, prospecting, and collecting licenses and mining leases was 90 as against 110 in the previous year The total area under mining leases and prospecting licenses was 47,051 acres against 42,275 acres in 1923-24 but the amount of rent recovered was Rs.18,972/- against Rs.21,459/- in the previous year. The Director is requested to submit a report explaining this fall

in the rent, Work was carried on during the year on 17 mining and 42 prospecting blocks, the minerals exploited being gold manganese, chrome, magnesite asbestos. mica, soap-stone, kaolin , fire-clay and lime-stone.

5. The number of mining leases and prspecting licenses current for manganese was the same as in the previous year, viz., 2 and 10 respectively. The quantity of ore extracted and exported was 33,251 and 44,678 tons against 38,508 and 48,750 tons respectively in the previous year. The royalty payable to Government on the ore exported was Rs.19,845/- against Rs.22,543 in the 1923-24. The largest output and export were from the blocks held by the United Steel Company Ltd., Shimoga.

6. There were 9 mining leases and 8 prospecting licenses current for chrome ore, as against 9 and 3 in the previous year 6107 tons of chrome were collected and 11,863 tons exported as against 40,996 tons and 28,773 tons respectively in the previous year. The royalty paid on the ore exported was Rs.12,364 as against Rs.26,146/- in the previous year. It is reported that the fall is due to the severe competition of other chrome producing countries and to the absence of a market for low grade ores. There was n o

no output at all of magnesite and asbestos. There was a slight increase in the output as well as export of mica, kaolin, soap stone etc., 1185 tons of lime-stone and 1,052 tons of dolomite were produced and used for manufacturing purposes, during the year.

7. It is unsatisfactory to note that the revenue of the Department Excluding of the royalty on gold and silver decreased from Rs.109,542-12-1 in the previous year to Rs.79 842-0-6 during the year under report, details are given in the sub-joined statement:-

	1923-24. Rs.	1924-25. Rs.
Royalty on minerals other than gold and silver	75,530 0 0	42,319 0 4
Fees.	2,470 0 0	1,420 6 0
Rent on prospecting licenses	4 454 3 0	4,153 7 3
Rent on mining leases	16 787 12 3	15,512 2 3
Assays and analysis	122 8 0	37 4 0
Other items ..	10 088 4 2	15,399 12 8
Total Rs.	1,09 452 12 1	79,842 0 6

The Director is requested to submit a separate report explaining the reasons for this fall in the revenue. He is also requested to furnish in future reports information regarding the demand collection and arrears under the several heads of mining revenue

8. Government are glad to note that a Mining Association was formed during the year of all licensees and others interested in mining in the

State, for purposes of bringing about a better understanding and preventing unhealthy competition and rivalry among themselves.

9. The progress made in the revision ~~certificate~~ survey is not adequate. Work was confined to the Chitaldrug and Kadur Districts. The Director's further report is awaited regarding the results of his investigation in the neighbourhood of Oblapur and Dodakittadahalli in the Chitaldrug District where a rich ore is reported to have been located. Para 10 The work of the Department progressed on much the same lines as those during the previous year.

Subject to appl

(Para 9 cont^{d})

Govt desire that during the ~~current~~ next year revision survey ~~certificates~~ shall be ~~topped straight~~ attention devoted to consolidate and clarify the ransom survey work done so far. Greater attention should be paid to mineral survey and ~~during the current year, and the~~ ~~The~~ appointment of ~~Inspectors~~ ~~should be continued~~ for the year

Secretary to Govt.Rev.Dept.

20/11/25

To

The Director of Geology.

The Chief Inspector of Mines.

23/11

AC

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Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS

Report on the working of the Geological Department for 1926-27

Reviews the

G.O. No. I. C. 3691-2/Geol. 10-25-4 DATED 28th November

May this be

i. printed? Yes MP

ii. treated as a standing order? No MP

iii published in the Gazette English Part? Yes

iv. translated? Yes

v. placed at the disposal of the press? Yes

vi. published in the Gazette Kannada Part? Yes

Yes MP

30/11

Government of His Highness the Maharaja of Mysore.

GENERAL AND REVENUE DEPARTMENTS.

G. O. No. I. C. 3691-2—Geol. 10-25-4, dated 28th November 1925.

Report on the working of the Geological Department.

Reviews the —— for 1924-25.

READ—

Administration Report of the Department of Geology for the year 1924-25, received with letter No. C. 194-1, dated 24th September 1925, from the Director of Geology.

ORDER NO. I. C. 3691-2—GEOL. 10-25-4, DATED 28TH NOVEMBER 1925.

Recorded.

2. Mr. A. M. Sen continued to officiate as Director of Geology till September 1924, when Mr. B. Jayaram returned from long leave and resumed charge of the Department in which he continued during the rest of the year. Mr. V. T. Venugopal, Supernumerary Sub-Assistant Geologist and Mr. E. R. Thirumalachar, Assistant Chemist were posted for duty to the Bhadravati Iron Works. Messrs. A. M. Sen and Venkataramiah were employed for about 5 months, in the examination of some of the chrome and manganese blocks with a view to investigate their ore contents in respect of both quality as well as quantity.

3. The partial relaxation of reservation which was ordered in respect of chrome in the previous year was made applicable to manganese also, in October 1924, so as to permit of the grant of prospecting licenses for that mineral for a period of three years to approved applicants, subject to certain conditions. In pursuance of this order, 23 applications were received of which 4 which satisfied the required conditions, were approved by Government. Instructions were also issued during the year, in the matter of issuing collecting licenses for soap-stone subject to certain conditions. The question of further revising the rules for the grant of exploring and prospecting licenses and mining leases in the State is under the consideration of Government.

4. There were 52 certificates of approval in force during the year as against 45 in the previous year. The number of fresh certificates issued was 18 against 23 in the previous year. The total number of applications for certificates of approval, exploring, prospecting and collecting licenses and mining leases was 90 as against 110 in the previous year. The total area under mining leases and prospecting licenses was 47,051 acres against 42,275 acres in 1923-24, but the amount of rent recovered was Rs. 18,972 against Rs. 21,459 in the previous year. The Director is requested to furnish explanation for this fall in the rent notwithstanding the increase in the total area. Work was carried on during the year on 17 mining and 42 prospecting blocks, the minerals exploited being gold, manganese, chrome, magnesite, asbestos, mica, soap-stone, kaolin, fire-clay and lime-stone.

5. The number of mining leases and prospecting licenses current for manganese was the same as in the previous year, *viz.*, 2 and 10, respectively. The quantity of ore extracted and exported was 33,251 and 44,678 tons against 38,508 and 48,750 tons, respectively, in the previous year. The royalty payable to Government on the ore exported was Rs. 19,845 against Rs. 22,543 in the year 1923-24. The largest output and export were from the blocks held by the United Steel Company, Ltd., Shimoga.

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6. There were 9 mining leases and 8 prospecting licenses current for chrome ore, as against 9 and 3 in the previous year. There was a considerable fall in the output of the mineral during the year, only 6,107 tons of chrome having been collected and 11,863 tons exported as against 40,996 tons and 28,773 tons, respectivley, in the previous year. The royalty paid on the ore exported was Rs. 12,364 as against Rs. 26,146 in the previous year. It is reported that the fall is due to the severe competition of other chrome producing countries and to the absence of a market for low grade ores. There was no output at all of magnesite and asbestos. There was a slight increase in the output as well as export of mica, kaolin, soap-stone, etc. One thousand one hundred and eighty-five tons of lime-stone and 1,052 tons of dolomite were produced and used for manufacturing purposes, during the year.

7. Excluding of the royalty on gold and silver, the revenue of the Department under other items decreased from Rs. 1,09,4 52-12-1 in the previous year to Rs. 79,842-0-6 during the year under report as detailed below:—

	1923-24	1924-25
	Rs. a. p.	Rs. a. p.
Royalty on minerals other than gold and silver.	75,530 0 8	42,319 0 4
Fees	2,470 0 0	1,420 6 0
Rent on prospecting licenses	4,454 3 0	5,153 7 3
Rent on mining leases	16,787 12 3	15,512 2 3
Assays and analysis	122 8 0	37 4 0
Other items	10,088 4 2	15,399 12 8
Total ...	1,09,452 12 1	79,842 0 6

The Director is requested to furnish in future reports, information regarding the demand, collection and arrears under the several heads of mining revenue.

8. Government are glad to note that a Mining Association was formed during the year of all licensees and others interested in mining in the State, for purposes of bringing about a better understanding and preventing unhealthy competition and rivalry among themselves.

9. The progress made in the revision survey is not adequate. Work was confined to the Chitaldrug and Kadur Districts. The Director's further report is awaited regarding the results of his investigation in the neighbourhood of Oblapur and Dodakittadahalli in the Chitaldrug District, where a rich ore is reported to have been located.

10. The work of the Department progressed on much the same lines as those during the previous year. Government desire that during the current year special attention should be devoted to consolidate and classify the revision survey work done so far. Greater attention should also be paid to mineral survey and to other items on the approved programme of work for the year.

B. SRINIVASA IYENGAR,
Secretary to Government,
Revenue Department.

To—The Director of Geology in Mysore.
The Chief Inspector of Mines.

Exd.—P. S. R. N.

W D 1177-GPB-635—8-12-25